

CLAIMS

We claim:

1. An ink composition comprising:

a pigment;

5 an alkanediol;

a glycol ether;

a polyether-modified polysiloxane compound;

a water-soluble organic solvent; and

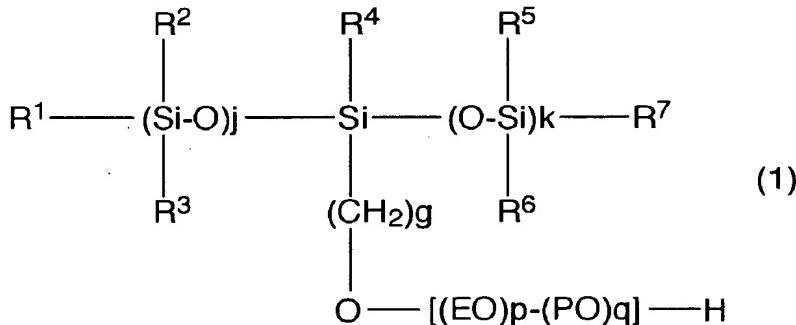
water,

10 wherein the sum of the contents of alkanediol and glycol ether is 10 wt% or more, but less than 20 wt%.

15 2. The ink composition according to Claim 1 wherein the weight ratio of the alkanediol and the glycol ether is in a range of 0.7 to 4.

20 3. The ink composition according to Claim 1 or 2 wherein the polyether modified polysiloxane compound is a polyether modified organosiloxane compound represented in the following formula.

(1)



(In this formula, each of R¹ to R⁷ independently represents a C₁₋₆ alkyl group; each of g, j, and k independently represents an integer number equal to 1 or greater; EO represents an ethyleneoxy group; PO represents a propyleneoxy group; p and

q are both integer numbers equal to 0 or greater but the sum of p and q is an integer number equal to 1 or greater; and EO and PO may be random or block, regardless of the order in the square brackets [].)

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4. The ink composition according to Claim 1 wherein the alkandiol is one selected from the group consisting of 1,2-butanediol, 1,2-pentadiol, and 1,2-hexanediol.

10 5. The ink composition according to Claim 1 wherein the glycol ether is a polyhydric alcohol alkyl ether.

6. The ink composition according to Claim 5 wherein the polyhydric alcohol alkyl ether is selected from the group 15 consisting of ethylene glycol monoethyl ether, ethylene glycol monobutyl ether, diethylene glycol monomethyl ether, diethylene glycol monoethyl ether, diethylene glycol monobutyl ether, triethylene glycol monomethyl ether, triethylene glycol monoethyl ether, and triethylene glycol monobutyl ether.

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7. The ink composition according to Claim 1 further containing a dispersion resin for dispersing the pigment.

8. The ink composition according to Claim 1 wherein the 25 concentration of the pigment contained in the ink composition is 3.0 wt% or less in terms of solids.

9. An ink set comprising the ink composition according to Claim 1.

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10. A recording method for printing by making an ink composition adhered onto a recording medium, wherein the ink

composition according to Claim 1 is used as the ink composition for this method.

11. An inkjet recording method for printing by jetting drops
5 of an ink composition onto a recording medium, wherein the ink composition according to Claim 1 is used as the ink composition for this method.

12. A recorded matter recorded by the recording method
10 according to Claim 10 or 11.